



DEPARTMENT OF THE ARMY
US ARMY RESEARCH, DEVELOPMENT AND ENGINEERING COMMAND
AVIATION AND MISSILE RESEARCH, DEVELOPMENT, AND ENGINEERING CENTER
5400 FOWLER RD
REDSTONE ARSENAL, AL 35898-5000

AMSRD-AMR-AE-T

4 Oct 06

MEMORANDUM FOR Program Executive Officer, Soldier, 1-125 Kingman Road, Fort Belvoir, VA 22060-5820

SUBJECT: AN/AVS-6(V)3 Qualification Statement for Army Aviation

1. Reference:

a. Memorandum, AMSRD-AMR-AE-T, 6 Apr 04, subject: Qualification Requirements for the Aviator's Night Vision Imaging System (ANVIS) AN/AVS-6(V)3, OMNI VI.

b. Memorandum, RDECOM (AMSRD-AMR-AE-T), 26 Jun 06, subject: Airworthiness Release for Operation of the Aviator's Night Vision Imaging System (ANVIS) AN/AVS-6 Series Night Vision Goggles (NVG) in Army Aircraft.

2. The reference 1a memorandum was provided to establish requirements for the formal approval of the subject ANVIS. The government configuration control document for the AN/AVS-6(V)3 is MIL-PRF-A3279454. The ANVIS qualification covers the following.

a. ANVIS-6(V) Translational Objective Lens, P/N: A3279596

b. ITT Contract OMNI IV (DAAB07-96-C-J209) containing the MX-10160A/AVS-6 Image Tube. Any tubes replaced on the OMNI IV ANVIS could now be either the MX-10160B/AVS-6 or the MX10160C/AVS-6 tubes. OMNI IV could now contain the newest Objective Lens, A3279596.


c. ITT Contract OMNI V (DAAB07-98-C-J419) containing the MX-10160B/AVS-6 Image Tube, Part Number A3279453 or A3279593 and the A3279595 Objective. All OMNI V Objectives (A3279595) have been or are being upgraded to the newest Objective Lens, A3279596. Any OMNI V ANVIS could now contain the MX-10160C/AVS-6 tubes.

d. ITT Contract OMNI VI (DAAB07-02-C-J008) containing the MX-10160C/AVS-6 Image Tube have the A3279596 Objective Lens.

e. NGEOS Contract OMNI V (DAAB07-98-C-J418): Objective Lens Assemblies part number A3279595. NGEOS ANVISs contained the Litton manufactured MX-10160B/AVS-6 Image Tube, Part Number A3279453. All OMNI V Objectives (A3279595) have been or are being upgraded to the newest Objective Lens, (A3279596). All OMNI V ANVIS could now contain the MX-10160C/AVS-6 Image Tube.

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3. This memorandum certifies that the ANVIS-6(V)3 ANVISs listed in paragraph 2 above are found to satisfy the requirements of the reference 1a memorandum. The AED considers the ANVISs qualified from a box level perspective and can be considered standard equipment for application in US Army helicopters.
4. The reference 1b memorandum constitutes the current Airworthiness Release (AWR) for the ANVIS-6(V)3 ANVIS in US Army helicopters. Any change to reference 1b will be provided to your office. It is possible that the subject equipment will be incorporated in a helicopter Statement of Airworthiness Qualification, ECP, etc. for standard equipment application. Note that this memorandum does not supersede reference 1b.
5. Any changes to the configuration of the ANVIS shall be provided to CDR, RDECOM, ATTN: AMSRD-AMR-AE-B, Redstone Arsenal, AL 35898 for assessment of any airworthiness impact, or testing required.
6. The point of contact is Mr. Steven Riebeling, AMSRD-AMR-AE-T, DSN 897-9152, commercial (256) 313-9152, FAX (256) 313-3207, or E-mail: steven.riebling@us.army.mil.



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